

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1

of

1

Complete if Known

Application Number	10/500,872
Filing Date	December 6, 2004
First Named Inventor	Hubertus J. M. OP DEN CAMP
Group Art Unit	1652
Examiner Name	Christian L. FRONDA
Attorney Docket Number	OP DEN CAMP-1

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	1	Bhosale, S.H., Rao, M.B., Deshpande, V.V.: Molecular and Industrial Aspects of Glucose Isomerase, <i>Microbiol Rev.</i> 60:280-300 (1996)	
	2	Meaden, P.G., Aduse-Opuko J., Reizer J. Reizer A., Lanceman Y.A., Martin M.F., Mitchell, W.J.: The Xylose Isomerase -Encoding Gene (XylA) of <i>Clostridium Thermosaccharolyticum</i> : Cloning, Sequencing and Phylogeny of XylA Enzymes, <i>Gene</i> 141:97-101 (1994)	
	3	Henrick, K., Blow, D.M., Carrel H.L.I., Glusker, J.P.: Comparison of Backbone Structures of Glucose Isomerase from <i>Streptomyces</i> and <i>Arthrobacter</i> , <i>Protein Engineering</i> 1:467-469 (1987)	
	4	Henrick K., Collyer C.A., Blow, D.M.: Structures of o-xylose isomerase from <i>Arthrobacter</i> Strain B3728 Containing the Inhibitors Xylitol and D-Sorbitol at 2.5A and 2.3A Resolution, Respectively. <i>J Mol. Biol.</i> 208:129-157 (1989)	
	5	Vangrysperre, W., Van Damme J., Vandekerckhove J., De Bruyne C.K., Comelis R., Kersters-Hilderson H.: Localization of the Essential Histidine and Carboxylate Group in Xylose Isomerases, <i>Biochem J.</i> 265:699-705 (1990)	
	6	Bruinenberg P.M., P.H.M. de Bot, P.H.M., van Dijken, J. P. Scheffers, W.A.: The Role of Redox Balances on the Anaerobic Fermentation of Xylose by Yeasts, <i>Eur. J. Appl. Microbiol. Biotechnol.</i> 18:287-292 (1983).	
	7	Gardonyi, M. and Hahn-Hagerdal, B.: The <i>Streptomyces Rubiginosus</i> Xylose Isomerase is Misfolded when Expressed in <i>Saccharomyces Cerevisiae</i> , <i>Enz. Microb. Technol.</i> 32:252-259 (2003)	
	8	Amore R., Wilhelm, M. Hollenberg, C.P., The Fermentation of Xylose-an Analysis of the Expression of <i>Bacillus</i> and <i>Actinoplanes</i> Xylose Isomerase Genes in Yeast, <i>Appl. Microbiol. Biotechnol.</i> 30:351-357 (1989)	
	9	Chan, E-C., Ueng, P.P., Chen, L.F.: Metabolism of D-Xylose in <i>Schizosaccharomyces Pombe</i> cloned with a Xylose Isomerase Gene, <i>Appl. Microbiol. Biotechnol.</i> 31: 524-528 (1989)	

Examiner
Signature

/Christian Fronda/

Date
Considered

04/13/2009

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /C.F./

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.